

TITLE

BIOCONVERSION OF A FERMENTABLE CARBON SOURCE
TO 1,3-PROPANEDIOL BY A SINGLE MICROORGANISM

ABSTRACT OF INVENTION

5 A process is provided for the bioconversion of a carbon substrate to
1,3-propanediol by a single organism utilizing microorganisms containing the genes
encoding for an active glycerol or diol dehydratase enzyme by contacting these
organisms with a carbon substrate under the appropriate fermentation conditions.

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